

MD 2 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

### EXISTING SIGNS

← Balt Annap Blvd  
Whites Rd. →  
14a, 15b  
D3-2 (VARIABLE x 32")

← Whites Rd.  
Balt Annap Blvd →  
14b, 15a  
D3-2 (VARIABLE x 32")

### EXISTING OPTICOM

→  
14, 15

### EXISTING SIGNALS

1,2,5,6 3,4,7,8, 9 10 12  
11,13  
12" 12" 12" 12" 12"

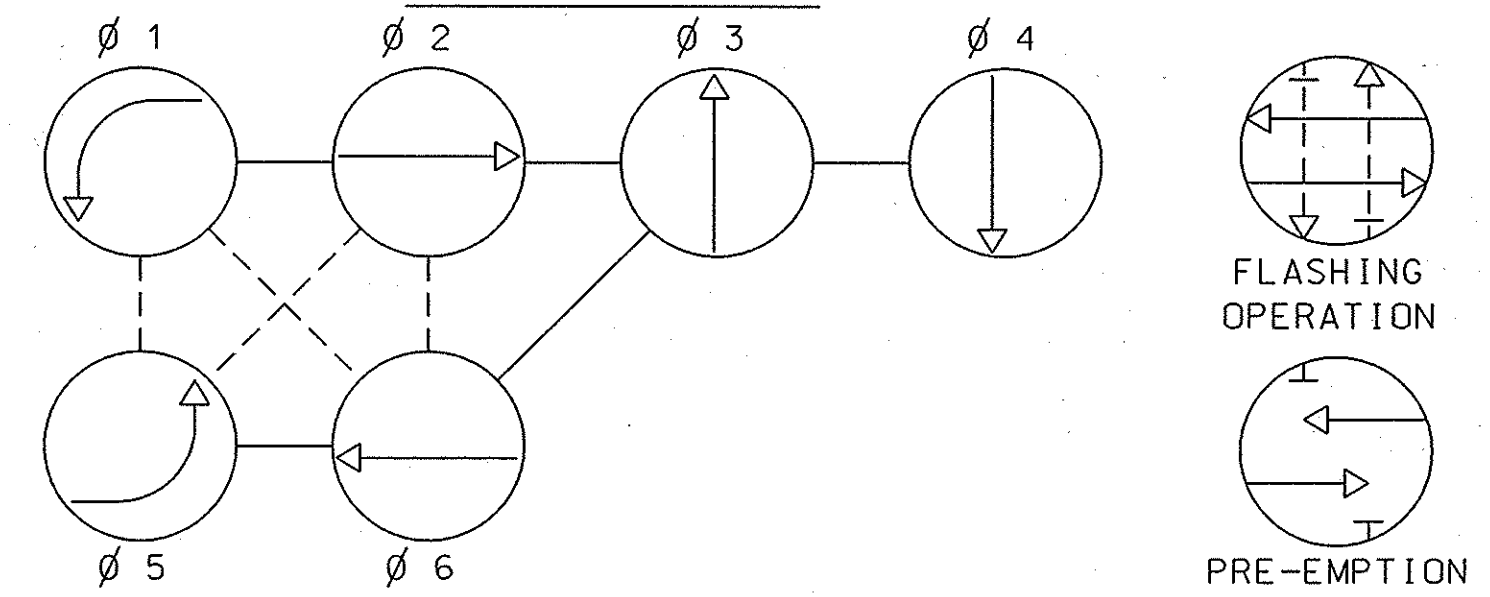
### EXISTING SIGNS

ONLY ONLY ONLY  
17 16  
R3-8(7) R3-5(R)  
36" x 60" 30" x 36"

### PROPOSED VIDEO DETECTION CAMERA a,b,c,d

CONTROL CABLE LENGTH  
a - 250 FOOT  
b - 250 FOOT  
c - 250 FOOT  
d - 250 FOOT

### NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

RIGHT OF WAY LINE

MD. 2

MD. 2

RIGHT OF WAY LINE

### GENERAL NOTES

- ALL UNUSED ELECTRICAL CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- VIDEO DETECTION LOCATION AND ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
- INSTALLATION OF VIDEO DETECTION INTERFACE EQUIPMENT AND RETROFITTING OF RACKS WILL BE PERFORMED SHA. CONTACT ED RODENHIZER AT 410-787-7650.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

### GEOMETRIC LEGEND

----- EXISTING  
===== PROPOSED

### UTILITY LEGEND

SD STORM DRAIN  
G GAS MAIN  
W WATER MAIN  
S SEWER MAIN  
E ELECTRIC CABLES  
A AERIAL CABLES  
T TELEPHONE CABLES  
F FIBER-OPTIC

WHITES ROAD

MD. 648

RUMMEL, KLEPPER  
& KAHL, LLP  
CONSULTING ENGINEERS  
81 MOSHER STREET  
BALTIMORE, MARYLAND 21217  
TELE(410)728-2900 FAX(410)383-3270

APPROVALS  
TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS  
① INSTALL VIDEO DETECTION EQUIPMENT  
3/2006 H-5021 SHA NO.: AA4545177  
TO 300 1000 1000  
C RECONSTRUCT SIGNAL DUE TO MD 2  
WIDENING  
12/1993 SHA NO.:  
B ADD LEFT TURN BAY AND DETECTORS  
FOR E/B WHITES ROAD  
04/1992 SHA NO.:  
PLOTTED: SDATETIMES  
FILE: \$FILES

SHA STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 2 AND MD 648 /WHITES ROAD

### TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 7-14-88 CONTRACT NO. AA 414-501-567  
DESIGNED BY C. BOWMAN (J.M.T.) COUNTY ANNE ARUNDEL  
DRAWN BY M. WOLNIAK (J.M.T.) LOGMILE 02000230.14  
CHECKED BY TIMS NO. PENDING  
FAP NO. TOD NO.  
TS NO. 2491D DRAWING - OF SHEET NO. 1 OF 2